

**AMENDMENTS TO THE SPECIFICATION:**

Please replace the Abstract with the following:

**ABSTRACT OF THE DISCLOSURE**

Muscle fatigue measuring equipment is provided by which one can know muscle fatigue status objectively and easily. Embodiments include equipment for performing the steps of substituting a myoelectric value based on a measured myoelectric potential and a stored myoelectric value into an arithmetic expression for determining a myoelectric change; and substituting an extracellular fluid measured using biological impedance and a stored extracellular fluid value into an arithmetic expression for determining a change in extracellular fluid. The presence or absence of muscle fatigue, the equilibrium state of muscle fatigue, and the progress of muscle fatigue is determined using the determined myoelectric change and extracellular fluid change.